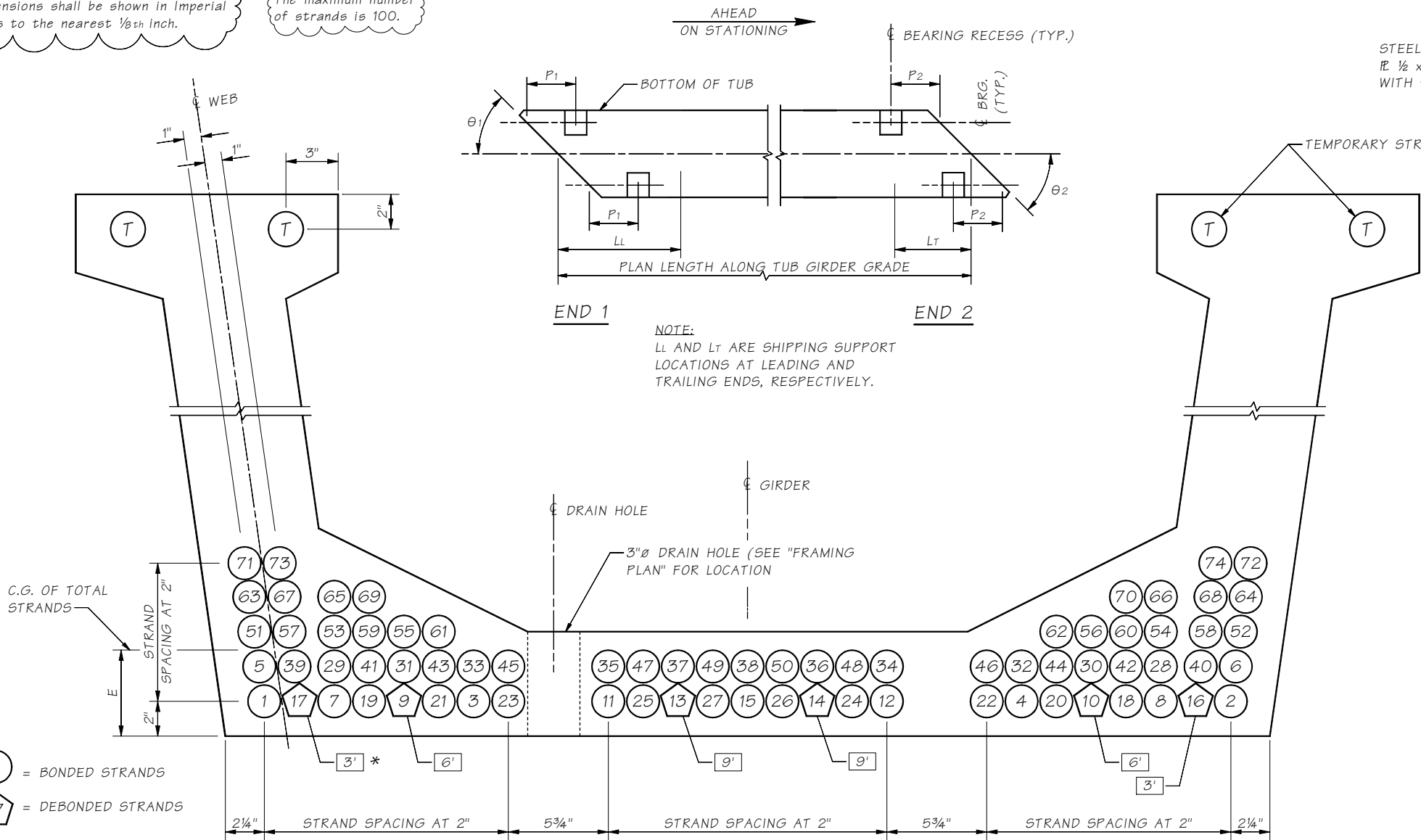


GIRDER SCHEDULE

DIMENSION "A" AT C BEARINGS = <div></div> BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)																						
SPAN	GIRDER	END 1 TYPE	END 2 TYPE	L	LL	LT	θ ₁	θ ₂	P ₁	P ₂	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		STRAIGHT		TEMPORARY		LOCATION OF C.G. STRANDS	C	D @ 40 DAYS	D @ 120 DAYS	L _d
												AT FINAL F'C (KSI)	AT RELEASE F'C (KSI)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	E				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE: Dimensions shall be shown in Imperial units to the nearest 1/8th inch.

The maximum number of strands is 100.



STRAND PATTERN

STRAND STRESSING SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.

[1/2"Ø OR 0.6"Ø] STRAND CHUCK. TACK WELD TO ANCHOR PLATE PRIOR TO INSTALLING ON STRAND. THREAD STRAND THROUGH ANCHOR PLATE. ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

EXTEND STRAIGHT STRANDS (1) THROUGH (n) AT END AHEAD ON STATION. EXTEND STRAIGHT STRANDS (n+1) THROUGH (2n) AT END BACK ON STATION

STEEL ANCHOR PLATE 1/2" x 4" x 0'-4" WITH 3/4"Ø HOLE

GIRDER END

ALTERNATE #1

2 3/4"Ø x 1 1/8" STEEL STRAND ANCHOR. ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

EXTEND STRAIGHT STRANDS (1) THROUGH (n) AT END AHEAD ON STATION. EXTEND STRAIGHT STRANDS (n+1) THROUGH (2n) AT END BACK ON STATION

GIRDER END

ALTERNATE #2

STRAND EXTENSION DETAIL

TOTAL NUMBER OF EXTENDED STRANDS =

Number of extended strands shall be determined by the designer.

5.6-A17-4

SHEET NO. 5.6-A17-4

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tub\SIP TRAPEZOIDAL TUB 4.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue Apr 29 13:45:00 2008

BRIDGE AND STRUCTURES OFFICE



Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

TRAPEZOIDAL TUB S-I-P DECK
PANEL GIRDER - DETAILS 4 OF 4

BRIDGE SHEET NO.
SHEET
OF
SHEETS